ABSTRACT

In one embodiment, packet is received from a client, and the packet has a destination identifier associated with a server. When the packet is a start packet, the start packet is altered to indicate that the start packet should be forwarded to any replica that duplicates the data content of the server. The destination identifier of the start packet may be stored for later use. The start packet is then sent to the server. When the start packet indicates that the start packet should be forwarded to any replica that duplicates the data content of the server, the start packet is encapsulated and sent to each replica associated with the server. When a first acknowledgement packet associated with the start packet is received, a source identifier of the first acknowledgement packet is stored and associated with the stored destination identifier. The first acknowledgement packet is then sent to the client.